

Title (en)

METHOD FOR OPTICALLY DETECTING A WIND TURBINE FOR TESTING PURPOSES USING AN AIRCRAFT

Title (de)

VERFAHREN ZUM OPTISCHEN ERFASSEN EINER WINDKRAFTANLAGE ZU PRÜFZWECKEN MIT HILFE EINES LUFTFAHRZEUGS

Title (fr)

PROCÉDÉ POUR L'EXAMEN OPTIQUE D'UNE INSTALLATION ÉOLIENNE EN VUE DU CONTRÔLE AU MOYEN D'UN VÉHICULE AÉRIEN

Publication

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Application

EP 14815266 A 20141201

Priority

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- EP 2014076114 W 20141201

Abstract (en)

[origin: WO2015082405A1] The invention relates to a method for optically detecting a wind turbine (1) for testing purposes using an aircraft, in particular a manned or unmanned rotorcraft (9) equipped with at least one camera. The wind turbine comprises multiple rotor blades (2), the surface of which is scanned as part of the method, said scan being carried out optically. The method has the following method steps: aligning a first rotor blade (21) in a vertical position, then departing and scanning a first face (5) of the first rotor blade (21) in the vertical direction, then departing and scanning a second face (6) of the first rotor blade (21) in the vertical direction, then aligning a second rotor blade (22) in a vertical position, then departing and scanning a first face (5) of the second rotor blade (22) in the vertical direction, and then departing and scanning a second face (6) of the second rotor blade (22) in the vertical direction.

IPC 8 full level

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